

## PREMO INDUSTRY DAY! LIGHT RAIL TRANSIT (LRT)

WEDNESDAY, JANUARY 24, 2024 8:45 AM – 2:30 PM



Broward County Transit



# Broward County Transit PREMO Light Rail Transit (LRT) Plan



## WELCOME

COREE CUFF LONERGAN
CEO/General Manager
Broward County Transportation Department





### 80

# Broward County Transit PREMO Light Rail Transit (LRT) Plan

## PREMO Mobility Plan

Adopted June 2023

JIE BIAN

Acting Assistant General Manager, Capital Programs





## PREMO Plan Strategy and Goals

The Strategy of the Broward Premium Mobility (PREMO) Plan is to invest in a countywide network of premium transit services that provide modern convenient mobility that is attractive, safe, reliable, and frequent.

- Improve Mobility for All
- ❖ Implement Equitable Transit Solutions
- Enhance Economic Development and Ensure **Financial Stability**
- Improve Safety, security, and ensure **Environmental Stewardship**
- Integrate and Serve Communities

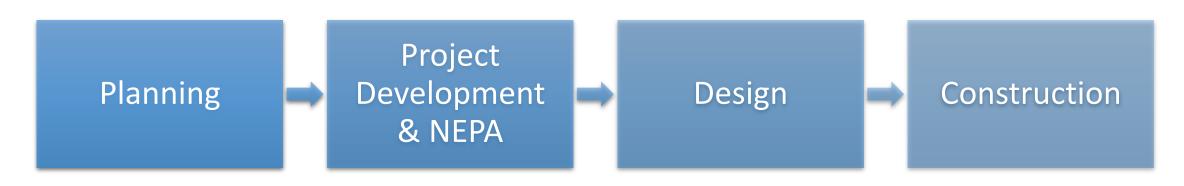
# PREMO Plan Implementation

- On June 13, 2023, the Broward County
  Commission unanimously passed a motion to
  approve the PREMO Plan, achieving a critical
  milestone in delivering the Transportation
  Surtax's promise.
- With the approval of the PREMO Plan, Broward County Transit (BCT) is quickly moving premium transit projects to the implementation phase.
- PREMO is a bold plan and BCT wants the industry's help to deliver it.
- Today's Industry Day will focus on the Light Rail Transit projects in the PREMO Plan.





## Phases of Project Delivery





## PREMO Network

Mode	Miles
Commuter Rail South	11.5
Light Rail Transit (LRT)	23.3
Bus Rapid Transit (BRT)	76
High Frequency Bus	100



## Airport-Seaport-Conv. Center LRT

**Project Overview:** Initial segment connects the Fort Lauderdale-Hollywood International Airport, Port Everglades, and the Broward County Convention Center. Includes:

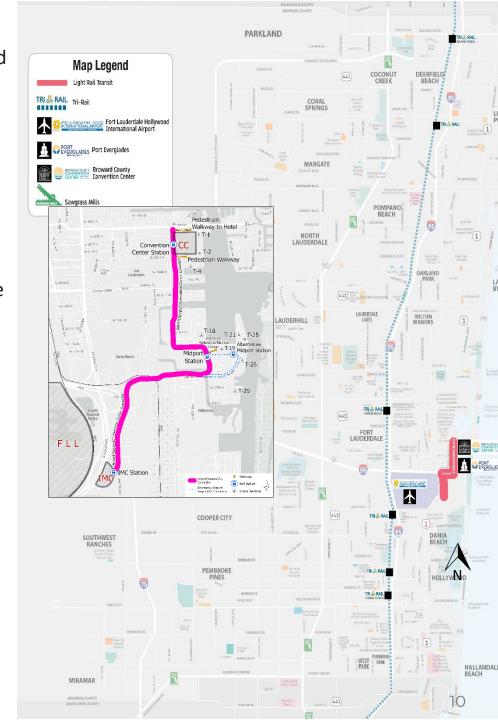
- 3.5 miles of Light Rail Transit (LRT)
- Three stations
- Elevated guideway primarily on Broward County property
- Maintenance facilities location to be determined
- Consideration for future extensions along Broward Boulevard, State Road 7 with east-west connections along Sunrise or Commercial Boulevards, after future performance and studies validate needs

#### **Anticipated Annual Ridership:**

130K - 665K

**Projected Opening: EOY 2028** 

**Estimated Investment:** \$1.25B\*



<sup>\*</sup> Does not include permanent light rail maintenance facility/property acquisition costs.

## Downtown Connection LRT

Project Overview: The segment connects the Fort Lauderdale-Hollywood International Airport, Port Everglades, the Broward County Convention Center along SE 17<sup>th</sup> Street and then north to Downtown Fort Lauderdale. Includes:

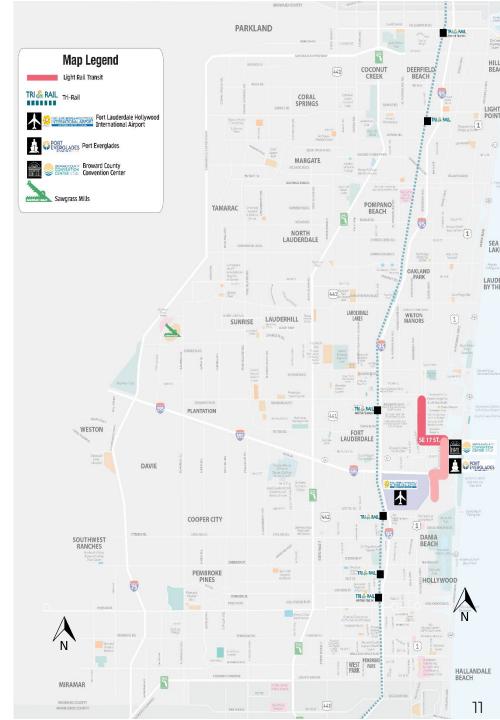
- 3 additional miles of Light Rail Transit (LRT)
- Tracks and stations at street level
- Consideration for future extensions along Broward Boulevard, State Road 7 with east-west connections along Sunrise or Commercial Boulevards, after future performance and studies validate needs

**Anticipated Annual Ridership:** 1.7M - 2.7M

**Projected Opening:** EOY 2031

**Estimated Investment:** \$442M\*

<sup>\*</sup> Does not include permanent light rail maintenance facility/property acquisition costs.



## Broward Boulevard LRT

**Project Overview:** The segment connects Downtown Fort Lauderdale to US 441/SR 7. Includes:

- 4 additional miles of Light Rail Transit (LRT)
- Consideration for extension east-west to State Road 7 north with extensions along Sunrise or Commercial Boulevards, after future performance and studies validate needs

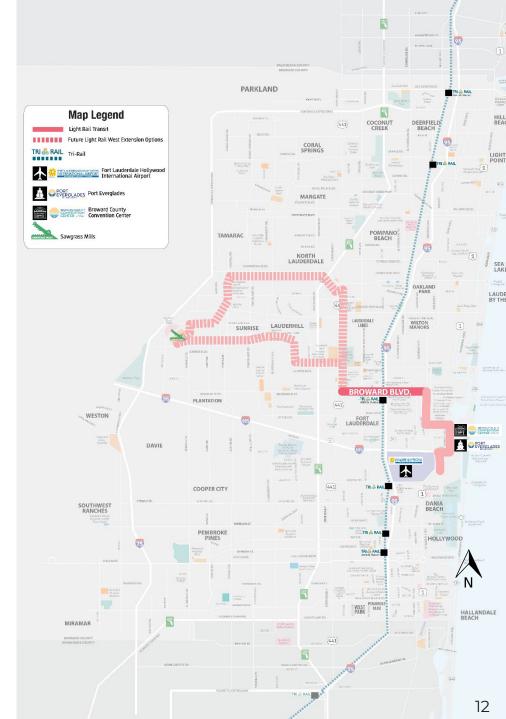
Anticipated Annual Ridership:

1.5M -3.3M without west extension

**Projected Opening:** EOY 2035

**Estimated Investment:** \$930M\*

<sup>\*</sup> Does not include permanent light rail maintenance facility/property acquisition costs.





## Proposed 15 Year Program Implementation Schedule

Corridor	Service	2023 2024 2025 2026 2027 2028 2030 2031 2035 2035 2036 2038 2039	Project Duration	Current Status	Target Revenue Service
Airport-Seaport-Convention Center	LRT		2023-2028	Conceptual Design	2028
Downtown Connection	LRT	OAKLAND PA	2023-2031	Planning	2031
Broward Blvd LRT	LRT		2023-2035	Conceptual Design	2035

## Summary

- This transformational effort will redefine service delivery, mobility and connectivity throughout Broward County
- At the end, we will have:
  - Approximately 23.3 miles of new premium LRT service
  - Connections between the Major County Activity Centers and Communities
  - Enhanced Economic Development Potential



## LRT Capital Cost Summary

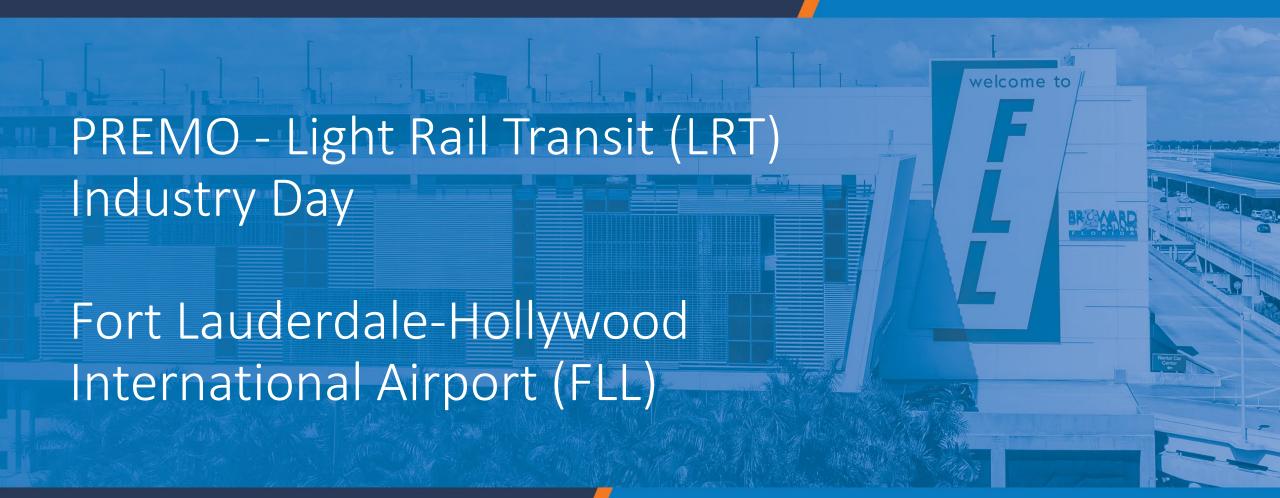
Corridor	Estimated Capital Investment* (\$Million)
Airport-Seaport- Convention Center	1,250
Downtown Connection	442
Broward Blvd LRT	930
Total	2,622

• Operations and maintenance costs

<sup>\*</sup> Does not include:







Presented by: William Castillo, Aviation Planning Manager

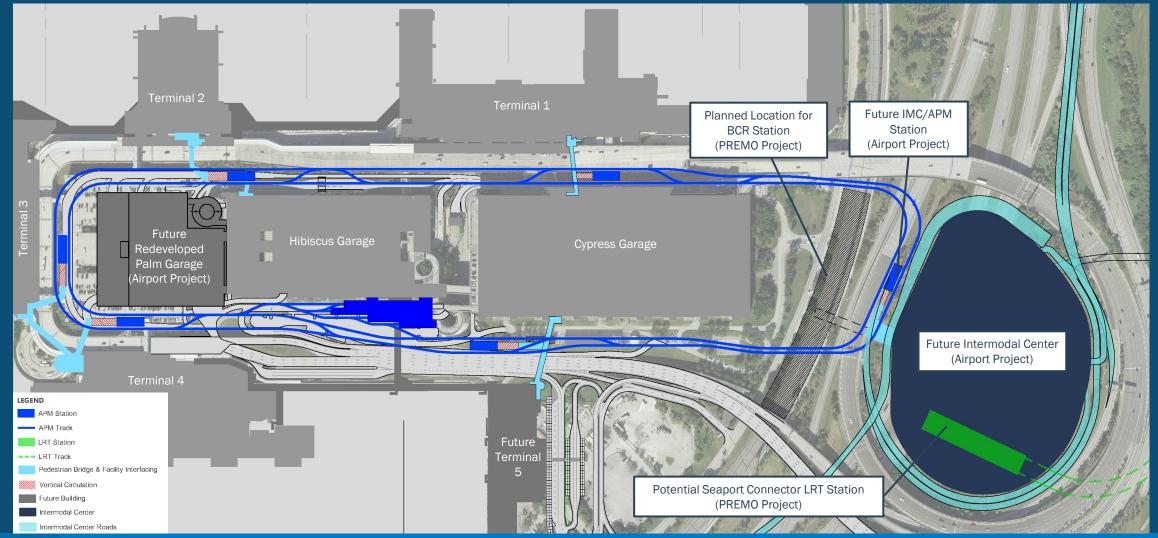
## Agenda



- FLL Phase 1 Landside Improvements
- Key Connectivity Elements
- Intermodal Center and Potential Railway Station Section View
- Precedent Drawings

## **FLL Phase 1 Landside Improvements**





## **Key Connectivity Elements**





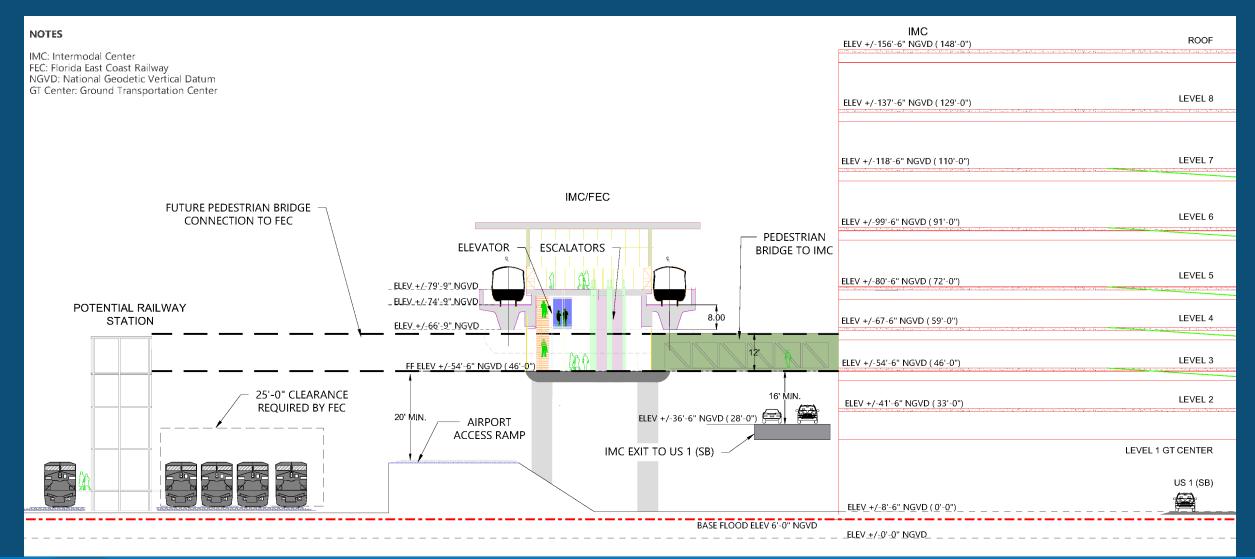
SOURCE: Illustrate My Design, inc, June 2019; Ricondo & Associates, Inc., June 2019.

#### **Connectivity Overview**

- 1 The planned BCR station will provide direct connection to all FLL terminals (including future Terminal 5) when connected to the future on-airport APM system.
- The Intermodal Center APM station will provide connectivity between the airport, planned BCR station, Intermodal Center, and the Airport/Seaport/Convention Center (The Connector).
- 3 The Intermodal Center is a multimodal hub providing passenger amenities and enhanced local and regional connectivity.

### **Intermodal Center and Potential Railway Station Section View**





## **Illustrative Precedent Drawings**





Source: Broward County Aviation Department, APM Program Definition Document, December 2022.

#### Illustrative On-airport APM Station (Exterior)



Source: Broward County Aviation Department, Fort Lauderdale-Hollywood International Airport, 2020 Master Plan Update, November 2020.

#### Illustrative Pedestrian Bridge (Interior)



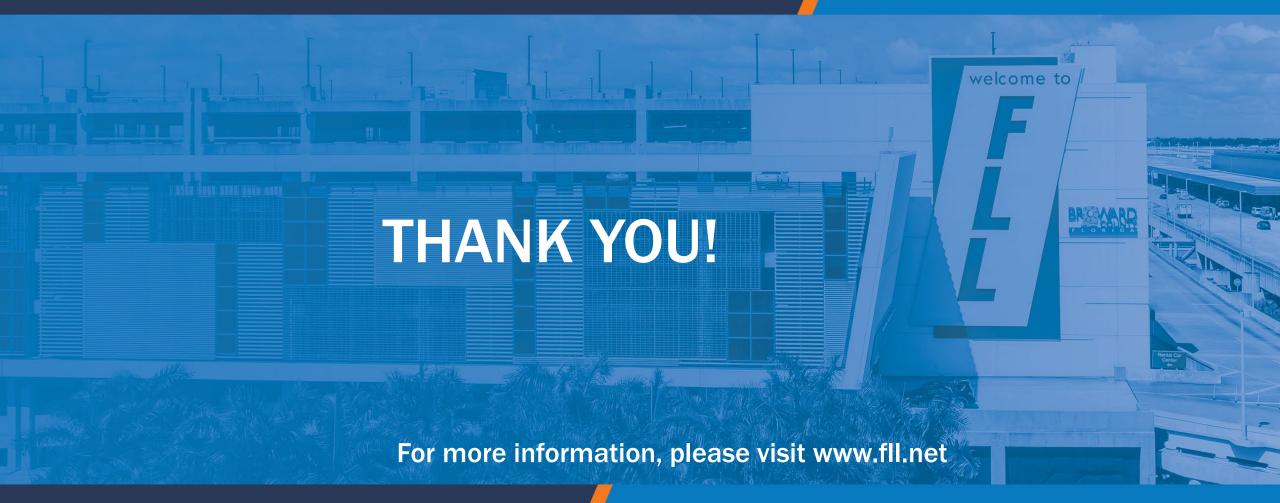
Source: Broward County Aviation Department, Terminal 5 Program Definition Document, January 2021.

#### Illustrative Pedestrian Bridge (Exterior)



Source: Gannet Fleming, Paoli Intermodal Transportation Center, <a href="https://www.gannettfleming.com/project/paoli-intermodal-transportation-center/">https://www.gannettfleming.com/project/paoli-intermodal-transportation-center/</a> (accessed January 2024)







## PREMO MOBILITY PLAN INDUSTRY DAY

## PREMO LIGHT RAIL TRANSIT (LRT)

January 24, 2024 Dr. Natacha Yacinthe, Ph.D., AICP, PPM

Executive Seaport Planning Manager Project Manager, PEV Master/Vision Plan Project Manager, Flyover Feasibility Analysis







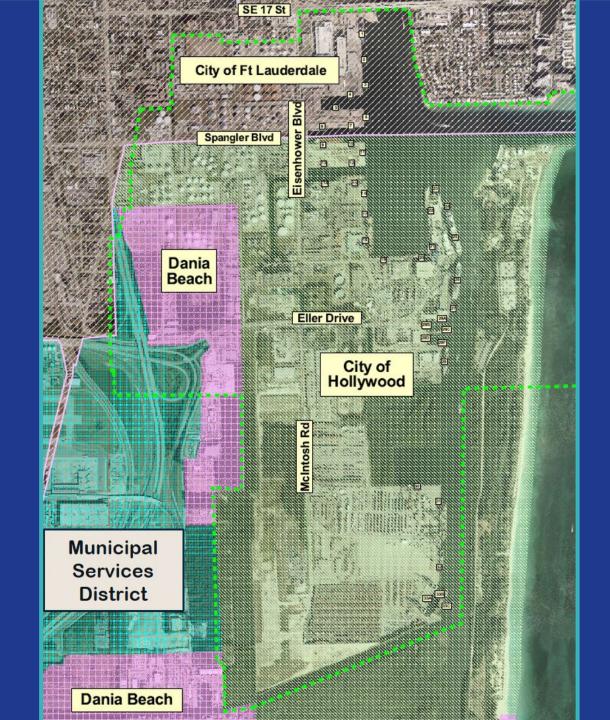
#### **Port Everglades Located**

#### In 3 Cities

- Hollywood 71.3%
- Fort Lauderdale-13.3%
- Dania Beach 13.4%

PEV

4 Primary Business lines





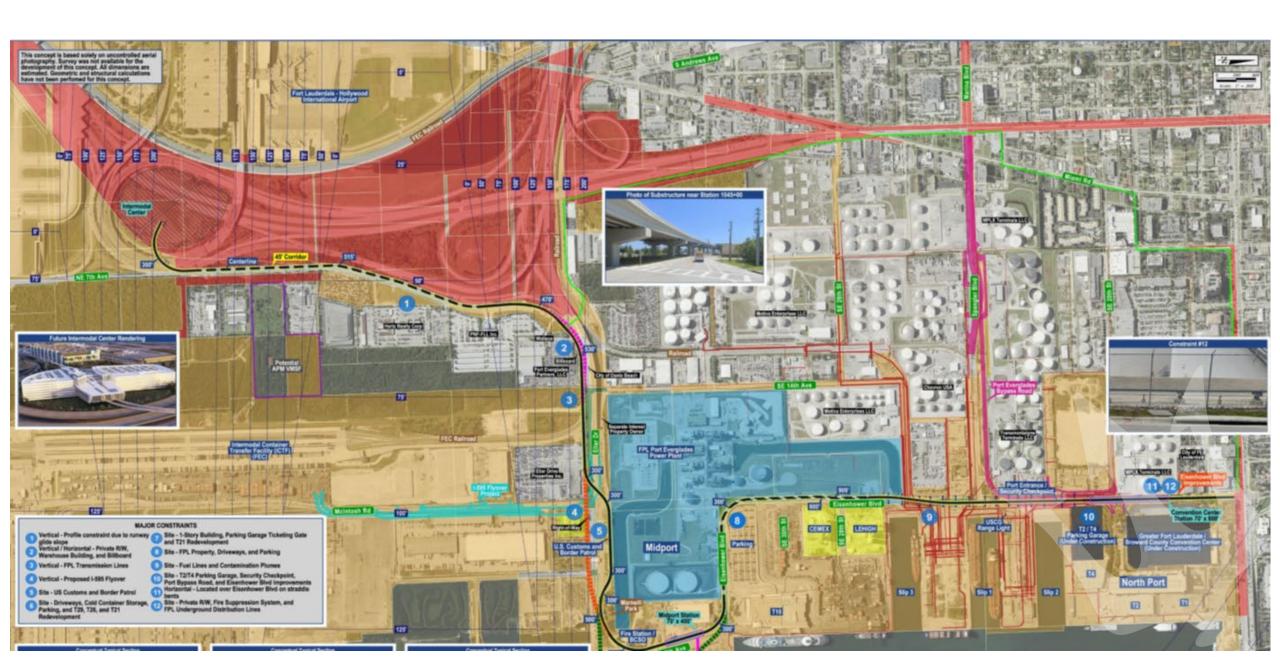
## **Airport-Seaport-Convention Center Connector**

- The proposed 3.5-mile alignment runs east from the planned IMC station, then at-grade to the north along NE 7<sup>th</sup> Avenue to Eller Drive where the guideway elevates turning east to enter the Port. The elevated alignment then runs north along SE 19<sup>th</sup> Avenue to the Midport station and heads west along Eisenhower Boulevard turning north to terminate at an aerial station at the Convention Center
- It is anticipated to serve commuters, tourists, employees, and patrons of the forthcoming Broward County light rail system and the expanded bus and multi-modal transportation network. The Connector will serve tourists and commuters throughout Broward and the South Florida region.

#### PROJECT OVERVIEW:

- Phase 1 Airport-Seaport-Convention Center LRT Aug 2023 to Dec 2028
- Airport-Seaport-Conv. Center LRT 3.5 Miles
- Three Stations\*
- Elevated guideway primarily on Broward County property. An estimated 33 of the parcels
  representing over 90% of the impacted right-of-way are government-owned property, with
  Broward County owning most of the public parcels. No relocations are anticipated

### Airport-Seaport-Convention Center LRT



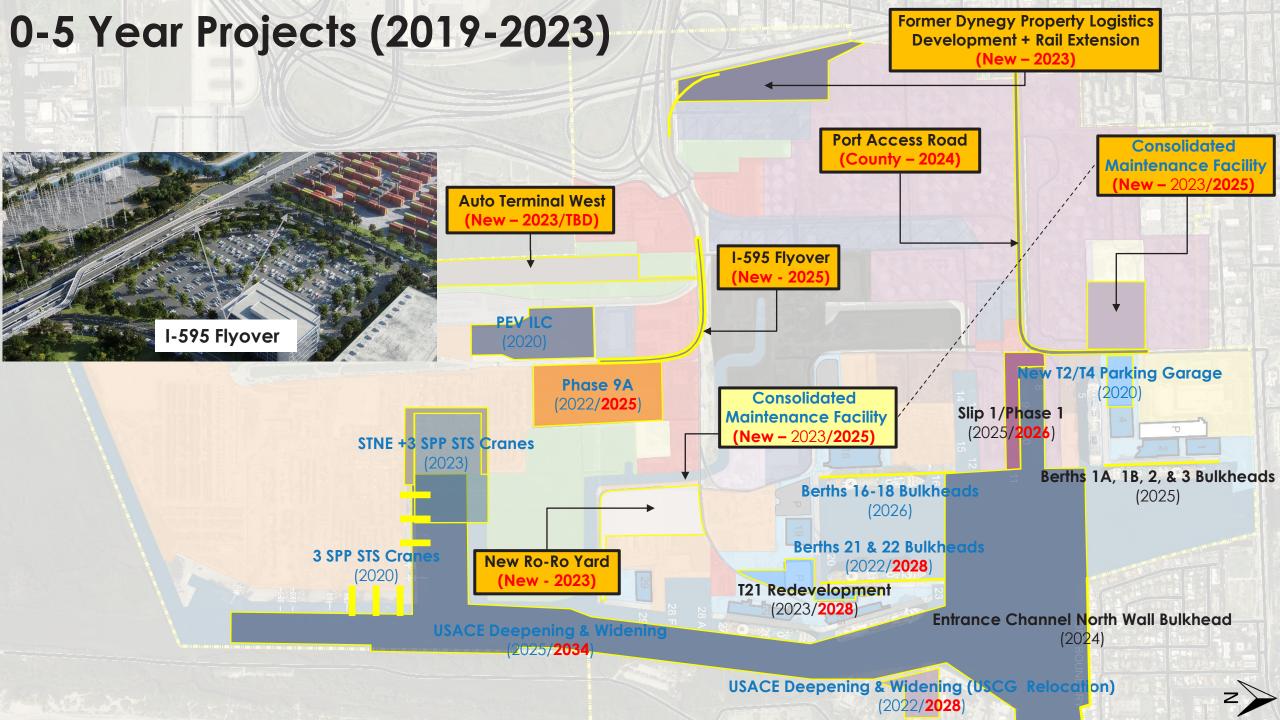


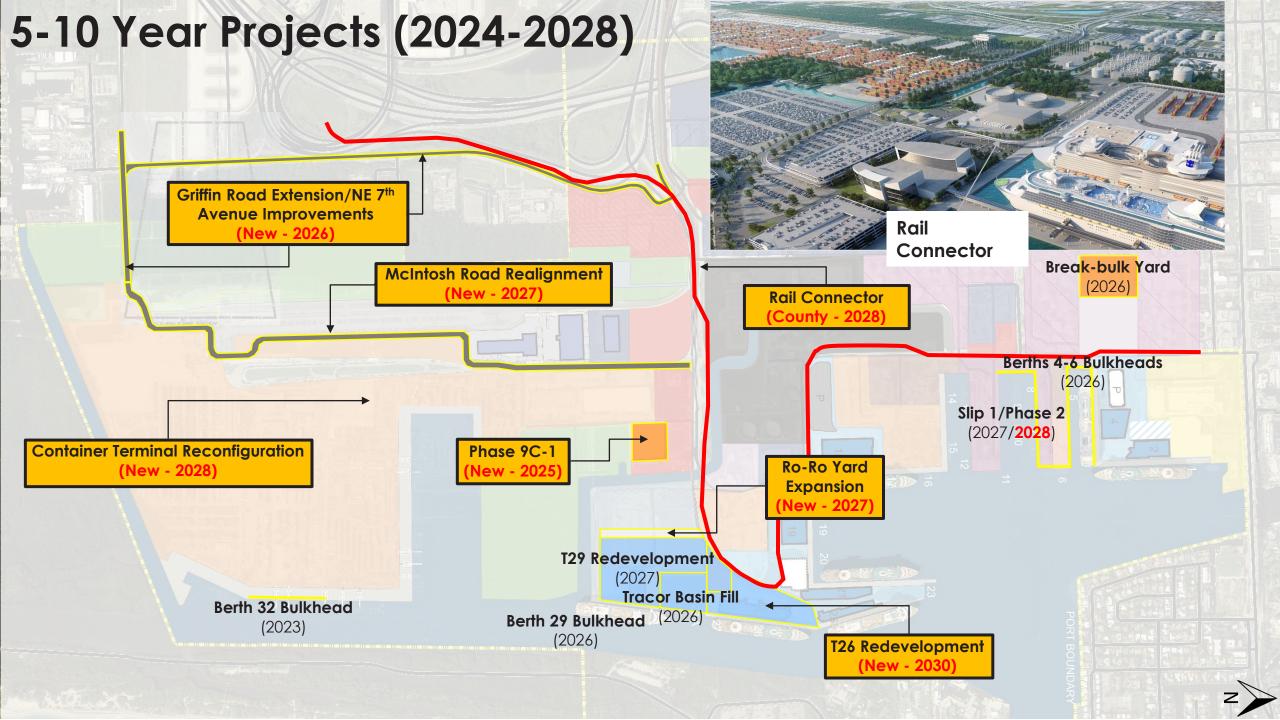
## 2023 Master/ Vision Plan Update

#### **Background**

- Original Plan was approved by the Broward County Commission (BCC) in December 2008
- First Plan Update was approved by the BCC in March 2011
- Second Update to the Plan was adopted by the BCC in June 2014
  - BCC directed that the Port Master/Vision Plan be updated every 2-3 years
- Third Plan Update was adopted by the BCC on June 18, 2020
- Fourth Update is currently underway
  - AECOM Team awarded the contract for the 2024 Master/Vision Plan Update





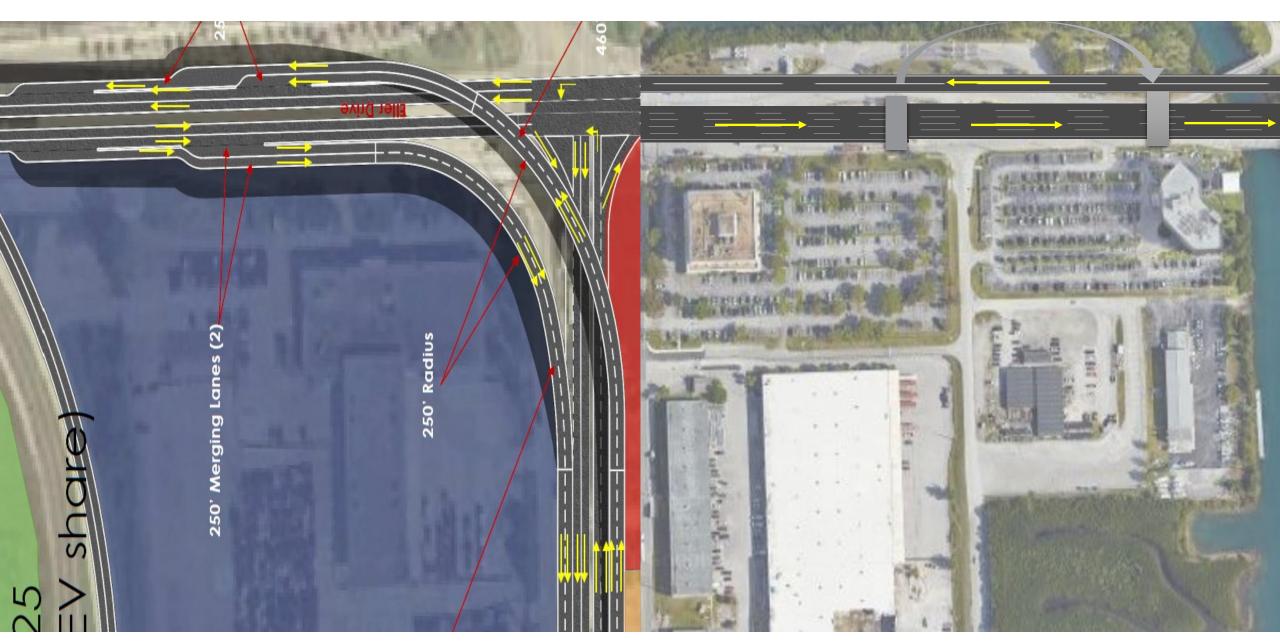


## **Selected Alternatives for Further Evaluation**





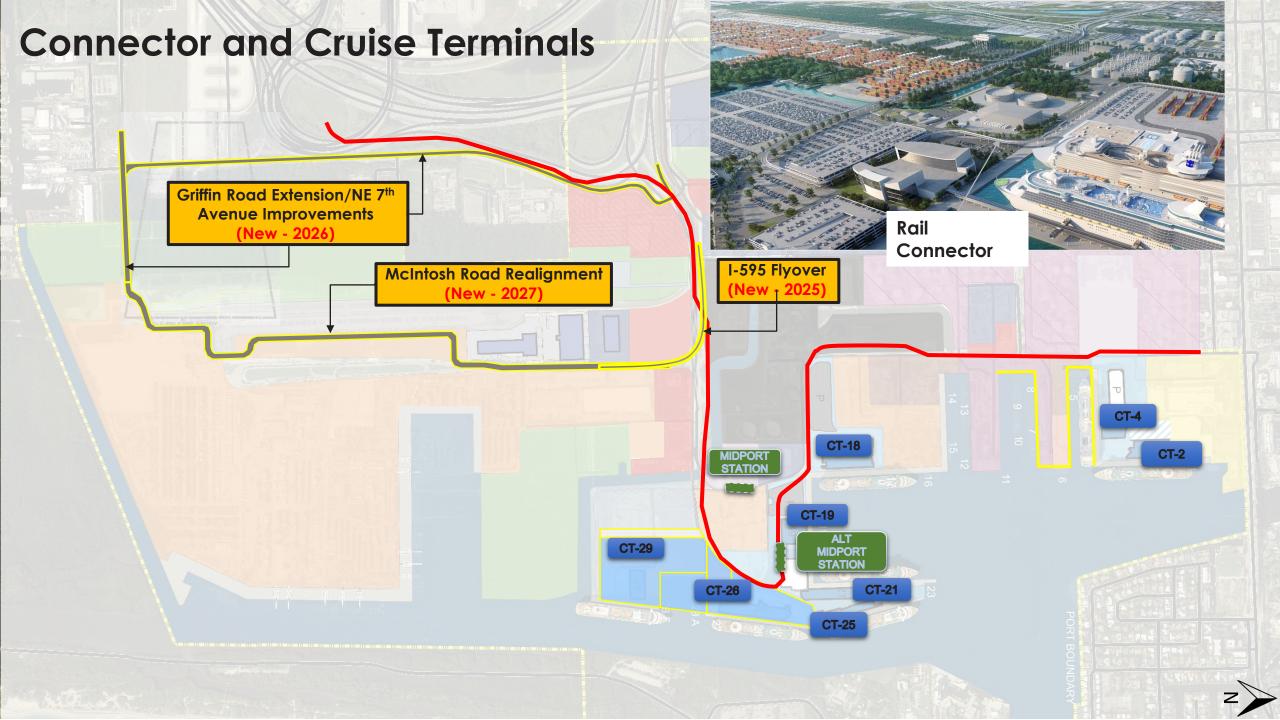
## NBLT+EBRT Flyover



# PORT EVERGLADE

## **Port Everglades**

- Board-approved PEV Master/Vision Plan
  - Connector is an unfunded project in 2028
  - Master Plan includes terminal redevelopment, slips, roadways
- Considerations
  - Prefer elevated alignment; would accept segments on the embankment for cost savings mainly south of Eller Drive
  - Vehicle Maintenance and Storage Facility (VMSF) required
  - Major constraints are commercial R/W
  - Utilities/fuel lines, contamination, operations, and construction of capital projects
  - Baggage
  - Security considerations/ Open to security check on-port
  - Cranes/vertical clearance for cranes
  - CT-29



### PEV Considerations – NE 7<sup>th</sup> Avenue to Eller Drive

- Exits the IMC and runs at-grade along NE 7<sup>th</sup> Ave.
  - Beneath the runway glide path
  - Encroachment into FDOT R/W (green space)
- Elevated along Eller Drive
  - Span viaduct to avoid parking lot column impacts
  - Beneath FPL transmission lines
- Crosses over Eller Drive
  - Span the future I-595 Flyover to McIntosh Road
- Elevated along south of FPL cooling canal
  - Avoid impacts to USCBP, security checkpoint and Marinelli Park located within the Port
- Minimizes R/W and environmental impacts





STAY CONNECTED

1850 Eller Drive

Fort Lauderdale, FL 33316

954.523.3404

PortEverglades.net











26° 05.5' North Latitude · 80° 04.8' West Longitude



## STATS AT A GLANCE

**Greater Fort Lauderdale/Broward County Convention Center** 



\$1.3 Billion

Invested in Expanded and Reimagined Convention Center



80 I

Rooms at Omni Headquarters Hotel



**1.2 Million** 

Square Feet of Total Space at Convention Center



350,000

Square Feet of Contiguous Space in New Exhibit Hall



3,000

Hotel Rooms within 1.5 Miles of Convention Center



4

Miles to Fort Lauderdale-Hollywood International Airport (FLL)



0.5

Miles to Port Everglades



2.5

Miles to Downtown Fort Lauderdale



6

Acres in Outdoor

Waterfront Plaza

1.5

Miles to Fort Lauderdale Beach









### HOW TO DO BUSINESS WITH BROWARD COUNTY?

Register

Register as a Vendor in Periscope S2G

Review

Review Solicitation Requirements for compliance Research

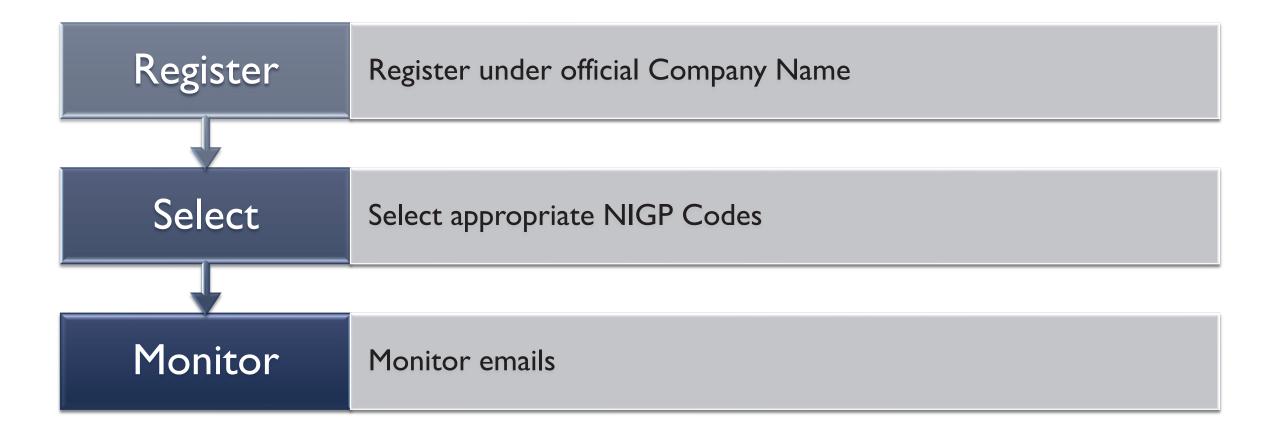
Research Current Contracts & Past Solicitations

### WHERE TO REGISTER?

- Broward County Website <u>Purchasing</u>
   <u>Division (broward.org)</u>
- Electronic Bidding System Periscope
   S2G
   (<a href="https://www.periscopeholdings.com/s2">https://www.periscopeholdings.com/s2</a>
   g)
- FREE FREE FREE



## **HOWTO REGISTER?**



## SOLICITATION REQUIREMENTS?



- Review the Bid Comments
- Locate the Standard and Special Instructions to Vendors Document
- Broward County Ordinances
- Bond Requirements
- Insurance Requirements
- FTA Requirements
- Licensing Requirements
- FDOT Pre-Qualification/Certificate of Qualifications Requirements

## WHAT TO LOOK FOR?

- Pre-Advertisements
- Pre-Bid/Proposal Meetings
- **Questions and Answer Period**
- **✓** Approved Equals Submission Deadline
- Special Instructions
- **Goal Requirements**

# **LOCAL ORDINANCES**







**LIVING WAGE** 

**CBE/SBE/DBE GOALS** 

LOCAL PREFERENCES

### FTA FORMS

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Lobbying

**Debarment** 

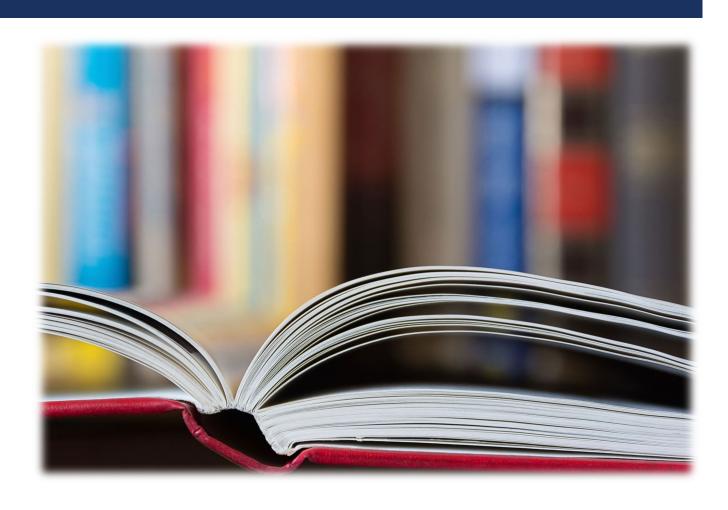
**Vendor Opportunity List** 

Supplement Acknowledgement Certification Form

**DBE** Goals may apply

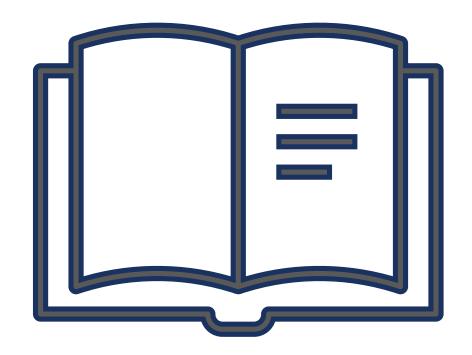
# FOUND A SOLICITATION? NOW WHAT?

- Research
- Research
- Research

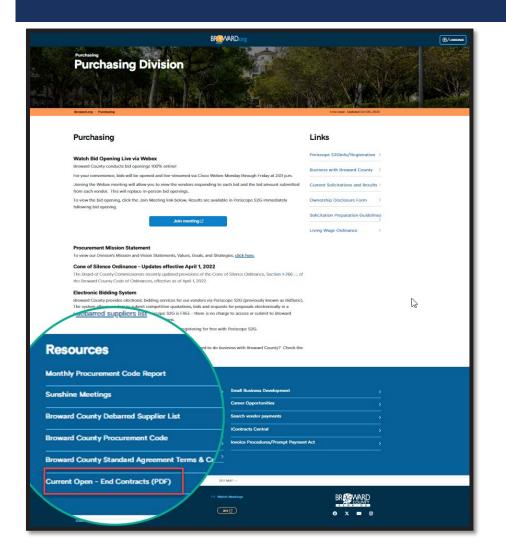


# WAYS TO RESEARCH SOLICITATIONS

- Review currently awarded openend contracts
- Review advertised solicitations
- Research past contracts in Periscope
- Review Active/Archived RFPs

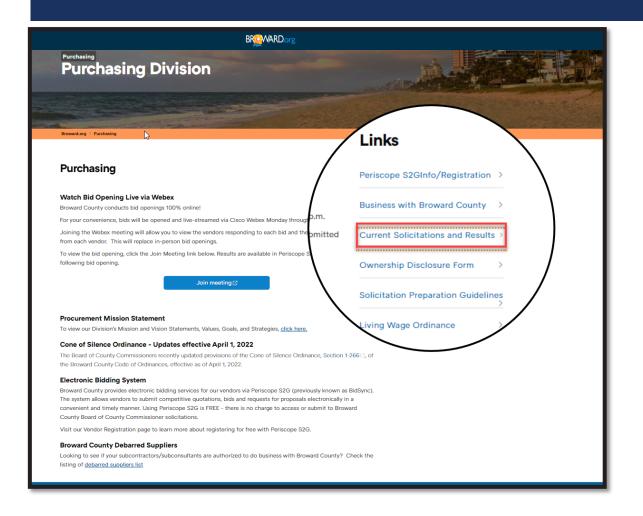


#### REVIEW AWARDED CONTRACTS



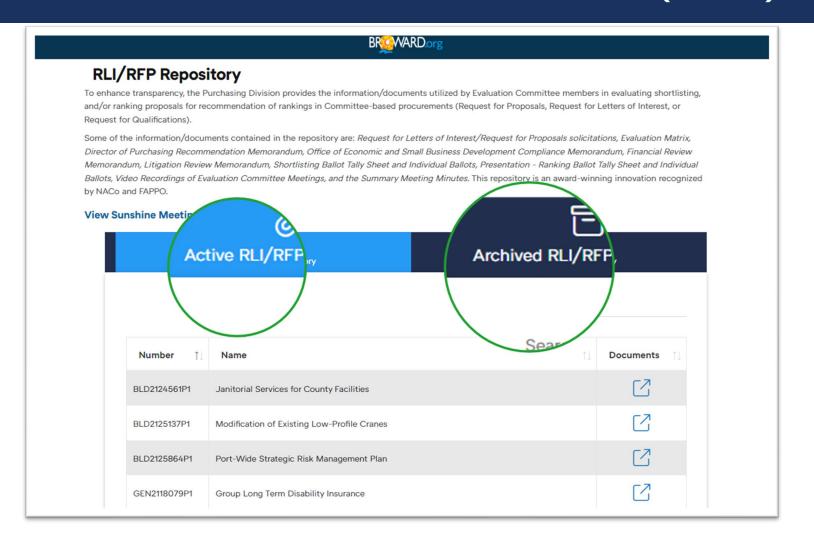
- Website:
- www.broward.org/purchasing
- Select "Current Open End Contracts (PDF)"

### REVIEW ADVERTISED SOLICITATIONS



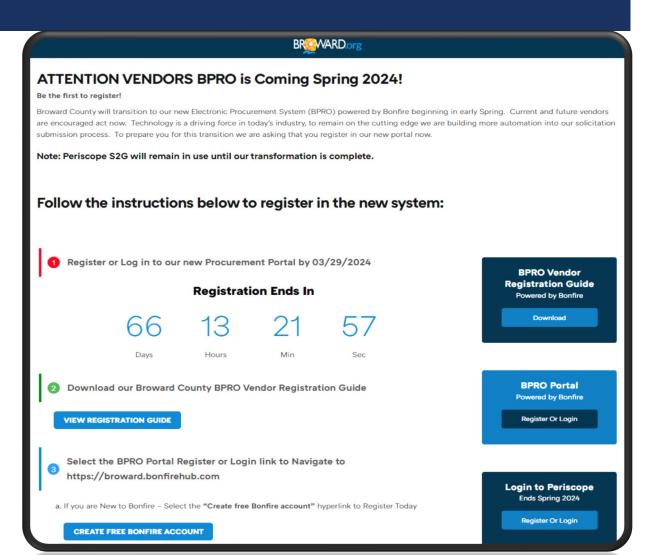
- Website:
- www.broward.org/purchasing

### RESEARCH REQUEST FOR PROPOSALS (RFPS)



### BPRO IS COMING SPRING 2024

- Broward County Website <u>Purchasing Division</u>
   (https://www.broward.org/purchasing/Pages/Default.aspx)
- Electronic Bidding System Bonfire (<u>https://broward.bonfirehub.com/portal/?tab=login</u>)
- FREE FREE FREE



# THANKYOU!





# Donna-Ann Knapp Small Business Development Manager

954-357-6400 | Broward.org/EconDev dknapp@broward.org







# **Business Opportunity Act**

#### **OBJECTIVE:**

To ensure that small Broward County-based businesses are provided sufficient opportunities to meaningfully participate in the award of County-funded contracts.

Per Section 1-81.3 (a) of the Business Opportunity Act, as amended, a CBE goal of at least twenty-five percent (25%) participation by CBEs has been established for each County contract (unless the CBE goal is waived or otherwise modified by Board action)





# Mobility Advancement Program MAP Broward

- Broward County's 30-year, one percent surtax to fund transportation improvements, approved by voters in November 2018, took effect in January 2019
- Broward County Commission established a 30% CBE
   Participation Goal for all eligible surtax-funded projects
- The transportation surtax is estimated to collect \$355 million annually, for the next 25 years



# **Goal Setting**

To establish a goal, OESBD utilizes a methodology that takes the following into account:

- The project information provided by the Broward County using agency or municipality
- Availability of certified firms based on the scopes of work provided
- Previous and current utilization of certified firms based on similar projects
- Specialization of the scopes of work provided



# Certification

RACE AND GENDER NEUTRAL

# **LOCAL PROGRAMS**



**Small Business Enterprise (SBE)** 



**County Business Enterprise (CBE)** 



# **SBE** Reserve

**CBE Program** 

Purpose is to spur economic development and stimulate small business growth

Purpose is to increase small business participation in County projects.

Project Value \$100,000 - \$250,000

**Project Value > \$250,000** 

Personal Net Worth < \$1.32 M

#### **Average Gross Revenues\***

**Average Gross Revenues\*** 

\$3 M - Construction Services

\$9 M - Construction Services

\$1 M - Contractual Services

\$5 M - All Other Services

\$500,000 - Professional Consultants

Commodity Suppliers are not subject to gross revenue limitation; must have 25 or fewer Full-Time Employees

≤ 15 Full-Time Employees



# Certification

RACE AND GENDER CONSCIOUS

- FEDERAL PROGRAMS
  - Disadvantaged Business Enterprise (DBE)
  - Airport Concessions Disadvantaged Business Enterprise (ACDBE)



# Eligibility for DBE/ACDBE Certification

### **DBE**

Disadvantaged Business Enterprise

49 CFR 26

### **ACDBE**

Airport Concession
Disadvantaged
Business Enterprise
49 CFR 23

Must be 51% owned, managed and controlled by socially and economically disadvantaged individual(s).

Personal Net Worth (PNW) must not exceed \$1.32 Million (excluding primary residence).

Must be for profit and a small business as defined by the SBA.

DBE - Gross receipts must average and not exceed \$28.48 million (FAA) or \$30.40 (FTA & FHWA) over 3 years. ACDBE - \$56.42 million.

Must be an independent business – located in District 4 (DOT).

Owners must be U.S. Citizens or residents who belong to one or more of the following:

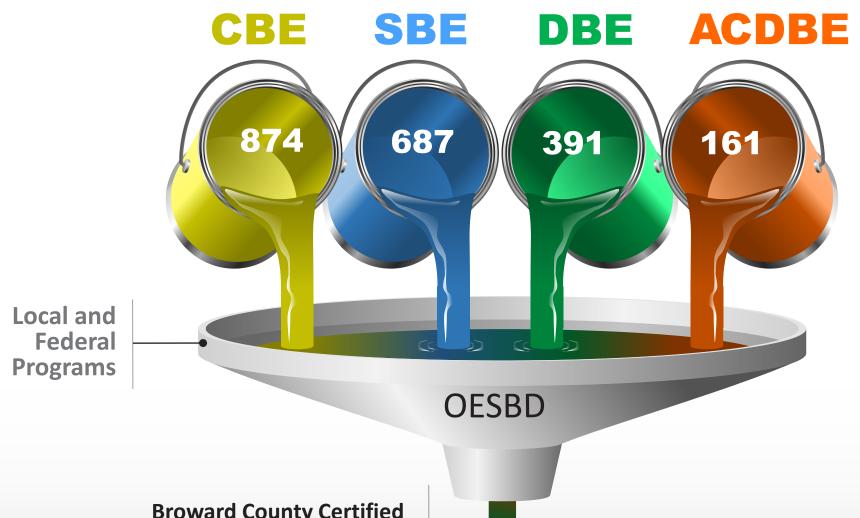
African-American/Black | Hispanic | Subcontinent-Asian Asian-Pacific | Native American | Woman | Other



# Visit Broward.org/EconDev









**OESBD Needs More Paint!** 





# **Stay Connected**

Subscribe to OESBD's *E-communications* including the *Business Assistance Weekly (BAW)*Send an email to: <u>EconDevInfo@broward.org</u>



Follow OESBD on Social Media











BrowardCountyOESBD



January 17, 2024

Sandy-Michael E. McDonald, Director Office of Economic and Small Business Development (OESBD)

smmcdonald@broward.org 954-357-6400 | Broward.org/EconDev



#### Message from the Director

"Nothing will work unless you do."

As you prepare to enter the third week of the first month of the new year, are you still excited? ALCESBD, we are excited too and we're even more determined to support you excitement by empowering you with the information needed to assist you in growing you business.

**Strew Your Business with DE-BED** is the annual workshop I do at the beginning of the year to ensure businesses, enterpreneurs, municipalities, chambers of commerce, community partners, and/or residents are awared the FREE services and programming offered by the Broward County Office of Economic and Smail Business Development (CRESID). This year, the fires, virtual workshop will sike place from 10AM-1130AM on Friday, January 10His I have sometimes the word FREE can scare you or make you believe there is no real value but let me correct that I encourage you to come and take advantage of the services and offenings available to all residents, business owners, and taxpapers in Breward County. This volutile mortal and so work of the control of the program of the pro

Grow Your Business with QESBD is designed to give you an overview of the OESBD programs, services, and business opportunities available in Broward County, OESBD



# Thank You!







# **LIGHT RAIL TRANSIT (LRT)**

# Q & A WITH ALL PRESENTERS



Broward County Transit



# Questions?

Text: **BROWARDM** 

to (954)833-8588



Scan the QR code below-



